

Time Trends in Wildlife Mortality Incidents

F. N. Mastrota
Sept. 7, 1999

Table 1. Number of wildlife incidents attributed to pesticides by 5-year periods.

| Pesticide | Before 1979 | 1979-1983 | 1984-1988 | 1989-1993 | 1994-1998 |
|------------------|-------------|-----------|-----------|-----------|-----------|
| Diazinon* | 10 | 22 | 38 | 36 | 75 |
| Carbofuran* | 19 | 6 | 63 | 124 | 18 |
| Brodifacoum* | 0 | 0 | 0 | 3 | 38 |
| Chlorpyrifos | 0 | 1 | 4 | 9 | 22 |
| 4-Aminopyridine | 1 | 0 | 0 | 1 | 18 |
| Fenthion | 10 | 2 | 12 | 11 | 12 |
| Famfur | 2 | 1 | 4 | 6 | 3 |
| Ethyl Parathion* | 7 | 4 | 4 | 7 | 0 |

Table 1. Number of wildlife casualties attributed to pesticides by 5-year periods.

| Pesticide | Before 1979 | 1979-1983 | 1984-1988 | 1989-1993 | 1994-1998 |
|-----------------|-------------|-----------|-----------|-----------|-----------|
| Fenthion | 2341 | 258 | 2089 | 232 | 625 |
| Diazinon* | 759 | 559 | 1216 | 407 | 590 |
| Carbofuran* | 6510 | 640 | 4405 | 5130 | 675 |
| Chlorpyrifos | 0 | 1 | 10 | 220 | 132 |
| 4-Aminopyridine | 50 | 0 | 0 | 3 | 87 |
| Brodifacoum* | 0 | 0 | 0 | 7 | 44 |
| Famfur | 25 | 38 | 7 | 140 | 7 |
| Ethyl Parathion | 409 | 2121 | 23 | 115 | 0 |

* Quality control has been completed on these chemicals.

Notes and “disclaimers”:

1. Based on incidents in the EHS database as January 28, 1999.
2. Includes incident of birds, mammals, and amphibians.
3. Known misuses and incidents with certainty level less than “probable” were excluded.
4. Some incidents were not counted because a date was not reported, and some incidents may

have be counted twice.